Hello everyone,
I am pleased to invite you to the defence of my PhD thesis, entitled:

De Rerum Natura: physical modelling as a tool for musical composition
De Rerum Natura: la synthèse par modèle physique comme outil de composition musicale
Director of thesis: Prof. Claude Cadoz

on Monday, February 5th, 2018, at 2:00 p.m. - PlatformAST, Building P, Grenoble INP
46, avenue Félix Viallet, 38000 Grenoble
geotag: http://goo.gl/maps/E4Hin

You are also invited to the convivial meeting that will follow
I hope to find you numerous in this occasion

sincerely
Giuseppe

This PhD concerns the development, formalisation and categorisation of structural models – created by physical modelling with GENESIS software – in the frame of musical composition all along 20 years of personal use as a composer and researcher.
This experience has led me to consider this environment not as a synthesis tool, but as a complex instrument, which allows to create a complete musical composition covering all three usual categories of acoustics and music: micro-formal (the tone, harmony, orchestration), mezzo-formal (the rhythm, melody, and the basic sequences/harmonic structures) and macro-formal (the higher level harmonic structure, the formal outline of the entire composition).
My goal is not to propose the framework of a new music or a new aesthetic, but develop "well-tempered" instruments for a new practice of music creativity that explores and accomplishes better the potentialities of computer and digital technology.